**IP Link® Device Interface
Ethernet Communication Sheet**

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Video Conference
Manufacturer: Polycom
Firmware Version: 4.1.4
Model(s):   RealPresence Group 300, RealPresence Group 500

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.6.0	1.17	3.5.2

Version History:

Driver Version	Date	Notes
4	8/11/2014	Extron Certified. (Firmware 4.1.4) Fixed Sleep control command.
2	4/03/2014	Extron Certified. Tested on Group 500. (Firmware 4.1.3) Added IR Remote Emulation and Sleep Control.
1	10/29/2013	Initial version.

Driver Notes:

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Control Commands & States:

Auto Answer	On	Off	Do Not Disturb
Auto Show Content	On	Off	
Call Type	Video	Analog	
Camera 1 Input	People	Content	
Camera 2 Input	People	Content	
Camera Preset Recall (Far)	0 – 15		
Camera Preset Recall (Near)	0 – 99		
Camera Preset Save (Far)	0 – 15		
Camera Preset Save (Near)	0 – 99		
Conference Mode	Auto Full Screen	Presentation	Discussion
Content	1	2	
Content Mode	Start	Stop	2,3,4,6
Dial Keypad	0 – 9 *	. Delete	# Clear
Dynamic Text ID	50000 – 50020		
Far Site (Level)	-20 to 30 in steps of 1		
Far Site (Step)	Up	Down	
Hook	On	Off	
Input (Far)	1	2	
Input (Near)	1	2	
IR Remote Emulation	0 – 9 . Left Back Hang Up Volume Up	# Up Right Call Help Volume Down	* Down Select Graphics Mute Delete

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	Directory	Home	Keyboard
	PIP	Preset	Period
	Info		
Microphones	Enable	Disable	
Mute (Near)	On	Off	Toggle
Pan-Tilt (Far)	Up	Down	Left
	Right	Stop	
Pan-Tilt (Near)	Up	Down	Left
	Right	Stop	
People	1	2	
Phone Call	Answer	End Video Call	End All Calls
Power Management	Wake	Sleep	
Reboot	Execute		
Volume (Discrete)	0 to 50 in steps of 1		
Volume (Step)	Up	Down	
Zoom (Far)	In	Out	Stop
Zoom (Near)	In	Out	Stop

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Status Available:

Auto Answer	On	Off	Do Not Disturb
Auto Show Content	On	Off	
Call Status	Ringing	Connected	Connecting
	Not In Call	Status Unavailable	
Conference Mode	Auto	Presentation	Discussion
	Full Screen		
Connection Status	Connected	Disconnected	
Content Mode	Start	Stop	
Mute (Near)	On	Off	
Volume (Discrete)	0 to 50 in steps of 1		

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Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	Yes
Default Port:	24
Multi-Connection Capable:	Yes
Port Changeable:	Yes

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters such as: User Name, Passwords and Port Number.

Notes for the Device:

To enable Ethernet Control.
Admin Setting → Security → Global Security → Access = Enable Telnet Access